WAR DEPARTMENT

CORPS OF ENGINEERS, U. S. ARMY

LIMITS OF THIS CONTRACT

Memorial bridge.

Proposed concrete wall.

BORROW AREA $A_3$

BH-70 BH-71 BH-72 BH-73 BH-74 BH-75 BH-76 BH-77 BH-78 BH-79 BH-80

BA-A31 BA-A30 BA-A32 BA-A33 BA-A34

Proposed earth dike

South Meadows Station Hartford Electric Co.

Existing dike

Dutch Point Station Hartford Electric Co.

Existing dike

HOCKANUM R.

CONNECTICUT RIVER

TOWN OF EAST HARTFORD

TOWN OF GLASTONBURY

FRONT ST.

MAIN ST.

PARK

RIVER

AVIATION RD.

WETHERSFIELD AVE.

WAWARME

MAXIM RD.

AIRPORT RD.

HARTFORD AVE.

WETHERSFIELD COVE

HARTFORD

WETHERSFIELD

FOLLY BK.

MAIN ST.

CITY OF HARTFORD

TOWN OF WETHERSFIELD

N.Y. N.H. & H. R.R.

SILAS DEAN

BROAD ST.

MIDDLETOWN AVE.

HIGHWAY

MAPLE ST.

TOWN OF WETHERSFIELD

TOWN OF ROCKY HILL

For detail see enlargement

BORROW AREA H

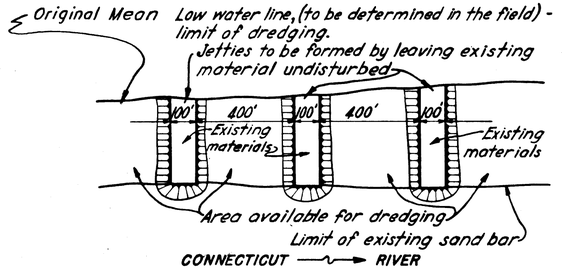
GOFF BK.

MAPLE ST.

**PLAN**

SCALE: 1" = 1000'

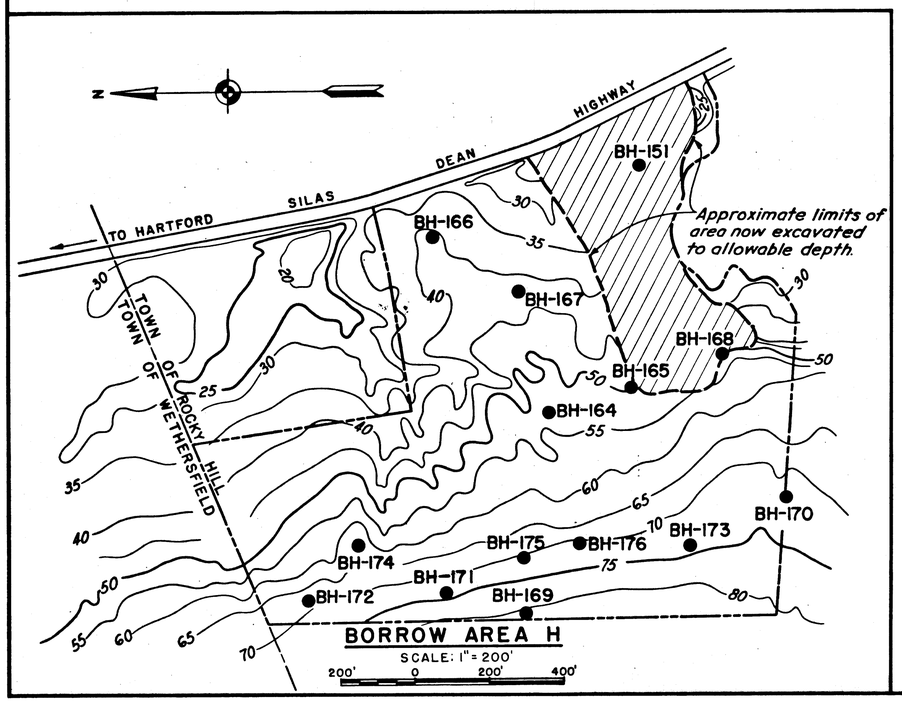
| AVAILABLE SOURCES OF EMBANKMENT MATERIAL | |
|---|---|
| AREA | TYPE OF MATERIAL |
| BORROW AREA H | Formation, below 6" to 3' of topsoil, composed of two types: (1) medium to fine silt; and (2) mixed materials graded from gravel and coarse sand to fine silt. Materials available for impervious blanket construction. Portion of area previously used for dike construction. |
| BORROW AREA $A_3$ | River sediments composed of coarse to fine sand interbedded with mixed materials graded from gravel to fine sand and coarse silt. Thickness of suitable materials ranges from about 0 to about 15 feet. Materials available for pervious embankment construction. Dredging in area along east bank of river, north of Hockanum River, restricted - see sketch below. |




**SKETCH SHOWING LIMITS OF DREDGING**
**EAST BANK OF CONNECTICUT RIVER, NORTH OF MOUTH OF HOCKANUM RIVER**

NOT TO SCALE

*Note: Jetties to be left either at right angles to original shore line or pointing slightly downstream. Dikes to have 100' top width with stable side slopes.*




**BORROW AREA H**

SCALE: 1" = 200'

200' 0 200' 400'

**NOTE**

*For record of explorations in borrow areas, see Sheet No.11*

**LEGEND**

● BH — *Drive sample bore hole.*

⊗ BA — *Borrow area auger boring.*

----- *Approximate limit of borrow area H.*

| KEY | DATE | REVISION (Indicated by Δ) | REV. BY | CK. BY | AP. BY |
|---|---|---|---|---|---|
| | 12-31-45 | As Built | | | |

CONNECTICUT RIVER FLOOD CONTROL

# HARTFORD DIKE

RIVERFRONT, MORGAN ST. TO STA. 96+73

## BORROW AREAS

CONNECTICUT RIVER — CONNECTICUT

IN 135 SHEETS — SCALE: 1 IN. = 1000 FT. — SHEET NO. 10

1000' 0 1000' 2000'

U.S. ENGINEER OFFICE, PROVIDENCE, R.I., MAY 1940

SUBMITTED: Senior Geologist, Head, Geology Section

APPROVAL RECOMMENDED: Principal Engineer, Chief, P.C. Engineering Div.

APPROVED: Lt. Col., Corps of Engineers, District Engineer

COMPILED: Asst. Engineer

DRAWN: R.R.L.

TRACED: J.T.

CHECKED:

FISCAL YEAR 1940

FILE NO. CT-2-1279

Ht.5&7b

10